

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S21 7	308	(24/289).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:07
S21 8	582	(24/297).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:07
S21 9	899	(24/563).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:07
S22 0	852	S219 NOT (S215 S216 S217 S218)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 15:07
S21 5	800	(24/545).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:06
S21 6	253	(24/462).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:06
S16 3	486	S162 not (S160 S161)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 15:04
S21 2	308	(24/289).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:04
S21 3	582	(24/297).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:04

## EAST Search History

S21 4	504	S213 not (S211 S212)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 15:04
S21 0	308	(24/289).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:03
S21 1	349	(24/293).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:03
S20 8	415	(52/16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:01
S20 9	267	S208 NOT (S168 S184 S206 S202 S204)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/07 15:01
S20 4	184	(52/15).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:00
S20 5	122	S204 NOT (S168 S184 S202)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 15:00
S20 6	253	(52/13).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/07 15:00
S20 7	200	S206 NOT (S168 S184 S202 S204)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 15:00
S20 2	107	(52/14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:59
S20 3	75	S202 NOT (S168 S184)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 14:59

## EAST Search History

S19 6	802	(248/48.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:58
S19 7	435	(248/48.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:58
S19 8	648	(52/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:58
S19 9	1703	(52/11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:58
S20 0	306	S197 NOT (S198 S199)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 14:58
S20 1	358	S196 NOT (S198 S199 S200)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/07 14:58
S19 2	435	(248/48.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:57
S19 3	648	(52/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:57
S19 4	1703	(52/11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:57
S19 5	306	S192 NOT (S193 S194)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 14:57

## EAST Search History

S16 7	1542	S166 NOT (S165)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 14:56
S19 0	49	("0546042"   "0836012"   "0891405"   "2365845"   "2636458"   "2669950"   "2672832"   "3023544"   "3351206"   "3388555"   "4199121"   "4309792").PN. OR ("4455791").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:52
S18 8	49	("0870165"   "1526821"   "2209741"   "2271472"   "2365845"   "2542155"   "2636458"   "2664899"   "2734467"   "2948083"   "3297285"   "3351206"   "3371900"   "3630383"   "3834091"   "4036761"   "4307976").PN. OR ("4750300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:51
S18 7	35	("0706333"   "0956372"   "2948083"   "3067881"   "3351206"   "3367070"   "3388555"   "3420378"   "3834091"   "4036761"   "4553356"   "4727689"   "4750300"   "4841686"   "4888920"   "4941299"   "4959932"   "5044581"   "5056276"   "5072551"   "5095666"   "5181350"   "5271192").PN. OR ("5611175"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:48
S18 6	29	("3351206").URPN.	USPAT	OR	ON	2007/08/07 14:45
S18 5	49	("3225407"   "3351206"   "3420378"   "4036761"   "4307976"   "4601451"   "4783029"   "5095666"   "5230798"   "5251410"   "5257482"   "5271191"   "5271192"   "5302283"   "5305562"   "5321920"   "5339575"   "5375379"   "5383310"   "5395079"   "5398464"   "5406754"   "5406755"   "5435105"   "5438803"   "5457916"   "5459965"   "5471798"   "5491998"   "5495694"   "5522183"   "5526612"   "5535554"   "5535970"   "5548931"   "5555680"   "5557891"   "5566513"   "5617678"   "5622341").PN. OR ("5819476"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:41

## EAST Search History

S16 8	648	(52/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:32
S16 9	18	("2209741"   "2271081"   "3444658"   "3550381"   "4616450"   "5271191"   "5398464"   "5570860"   "5617678"   "5640810"   "5845435"   "6151837"   "6701674"   "6732477").PN. OR ("6993871").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 0	41	("0836012"   "2533402"   "2672832"   "2873700"   "3079000"   "3507396"   "4404775"   "4406093"   "4455791"   "4493588"   "4497146"   "4551956"   "4571896"   "4590716"   "4592174"   "4757649"   "4858396"   "4866890"   "4876827"   "5242591"   "5327689"   "5332332"   "5375379"   "5388377"   "5406754"   "5406755"   "5459965"   "5522183"   "5575118"   "5737879"   "5893240"   "5911659"   "6073398"   "6672012"   "6681527").PN. OR ("6823630"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 1	13	("4876827"   "5044581"   "5557891"   "5570860"   "5617678"   "5619825"   "5640809"   "5660001"   "5718085"   "5737879"   "5862631"   "6098344").PN. OR ("6701674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 2	15	("2810173"   "3023544"   "3297285"   "4351134"   "4467570"   "4888920"   "5040750"   "5044581"   "5092086"   "5321920"   "5398464"   "5566513").PN. OR ("5899023").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 3	24	("0891406"   "3752428"   "4497146"   "4757649"   "4776544"   "5189849"   "5495694"   "5570860"   "5575118"   "5588261"   "5660001").PN. OR ("5737879"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 4	33	("0803477"   "2431012"   "3333803"   "3341158"   "3670505"   "3874131"   "4610412"   "4632342"   "4951430").PN. OR ("5617678").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32

## EAST Search History

S17 5	35	("0706333"   "0956372"   "2948083"   "3067881"   "3351206"   "3367070"   "3388555"   "3420378"   "3834091"   "4036761"   "4553356"   "4727689"   "4750300"   "4841686"   "4888920"   "4941299"   "4959932"   "5044581"   "5056276"   "5072551"   "5095666"   "5181350"   "5271192").PN. OR ("5611175"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 6	23	("0836012"   "2672832"   "2873700"   "3864882"   "4493588"   "4497146"   "4757649"   "5189849").PN. OR ("5575118"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 7	45	("0870165"   "2431012"   "2569568"   "2672832"   "2873700"   "2988226").PN. OR ("4497146"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 8	14	("2175138"   "2271081"   "2583422"   "3053393"   "4254595"   "4286418").PN. OR ("4395852"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S17 9	29	("3351206").URPN.	USPAT	OR	ON	2007/08/07 14:32
S18 0	18	("2636458"   "2810173"   "3351206"   "3921253").PN. OR ("4307976").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 14:32
S18 1	29	("3351206").URPN.	USPAT	OR	ON	2007/08/07 14:32
S18 2	12	("3067881").URPN.	USPAT	OR	ON	2007/08/07 14:32
S18 3	1703	(52/11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:32
S18 4	1512	S183 NOT (S168 S169 S170 S171 S172 S173 S174 S175 S176 S177 S178 S179 S180 S181 S182)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 14:32
S28	1492	S27 NOT (S5 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S23 S24 S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/07 14:29

## EAST Search History

S16 6	1703	(52/11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:29
S16 5	648	(52/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/07 14:28